

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

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Before line 1 of the specification, please insert the following new paragraph:

This application is a Divisional of co-pending Application No. 09/509,717, filed on May 20, 2000, and for which priority is claimed under 35 U.S.C. § 120; and this application claims priority of Application Nos. 10-217120 filed in Japan on July 31, 1998, 10-234544, filed in Japan on August 20, 1998 and 10-309571, filed in Japan on September 9, 1999, under 35 U.S.C. § 119; the entire contents of all are hereby incorporated by reference.

Please replace the paragraph starting on line 25 of page 27, and ending on line 19 of page 28 with the following:

The specifications for this bit assignment are as follows (an example of calculation of the bit assignment for the transmission rate of 64 kbps in the embodiment).

.Number of bits of 1 DMT symbol (before rate conversion)

= (transmission rate) × (transmission time)/(total number of symbols (except for ISS (inverse sync symbol) and SS (sync symbol))

= 64 kbps × 85 ms/340

= 16 bits

.Number of bits of bit map A

= (number of bits of 1 DMT symbol) × (ten DMT symbols)/(3 symbols)

= 16 × 10/3

$$= 53.33$$

Thus, the bit map A is equal to 54 bits.

.Dummy bits for third bit map A in each period

$$= (\text{number of bits of bit map A}) \times (3 \text{ symbols}) - (\text{number of bits for 1 DMT symbol}) \times (\text{ten DMT symbols})$$

$$= 54 \times 3 - 16 \times 10$$

$$= 2 \text{ bits}_2$$